Course of Study Engineering and Management - Major in Logistics and Mobility (Study Cohort w23)

Sample course plan A Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS) Dual study program

Specialisation Traffic Planning and Systems

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1	**Foundations of Management**	**Mathematics II**	**Technical drawing and CAD (part 2)**	**Introduction to Operations Research and Statistics**	**Ethics and Technology - Responsible Innovation**	**Legal Foundations of Logistics and Mobility**
2	Introduction to Management VL 3	Mathematics II VL 4	Introduction to CAD GÜ 2	Introduction to Statistics VL 2	Ethics and Technology - Responsible Innovation VL 4	Legal Foundations of Transportation and Logistics VL 2
3	Management Tutorial GÜ 2	Mathematics II HÜ 2		Introduction to Operations Research VL 2		Legal Foundations of Transportation and Logistics HÜ 1
4		Mathematics II GÜ 2		Exercises to Introduction in Quantitative GÜ 2		
5			**Introduction to Economics**	Methods in Logistics	**Practical module 5 (dual study program, Bachelor's degree)**	**Aeronautical Systems**
6			Introduction to Economics VL 2		Practical term 5 0	Air Transportation Systems VL 2
7	**Mathematics I**		Introduction to Economics HÜ 2			Fundamentals of Aircraft Systems VL 2
8	Mathematics I VL 4			**Management**		Fundamentals of Aircraft Systems GÜ 1
9	Mathematics I HÜ 2			Foundations of Management VL 2		Air Transportation Systems HÜ 1
10	Mathematics I GÜ 2	**Logistics Management**		Finance and Investment VL 2		
11		Logistics Economics PBL 3	**Computer Science for Engineers - Introduction and Overview**		**Traffic systems and handling technology**	**Introduction to Railways**
12		Introduction into Production Logistics VL 2	Computer Science for Engineers - Introduction VL 3		Traffic systems and handling technology VL 2	Introduction to Railways VL 2
13			and Overview	**IT applications for logistics and mobility**	Traffic systems and handling technology GÜ 2	Introduction to Railways HÜ 1
14			Computer Science for Engineers - Introduction GÜ 2	Introduction to Geoinformation Science PBL 3		
15	**Practical module 1 (dual study program, Bachelor's degree)**	**Technical Logistics**	and Overview	IT applications for logistics and mobility VL 1		
16	Practical term 1 0	Technical Logistics VL 3		IT applications for logistics and mobility GÜ 2		
17		Technical Logistics GÜ 2	**Project Management and Accounting**		**Business Administration and Enterprise Resource Planning: CERMEDES AG**	**Bachelor thesis (dual study program)**
18			Foundations of project management VL 2		Business Administration and Enterprise Resource SE 2	
19			Foundations of cost and activity accounting VL 2	**Practical module 4 (dual study program, Bachelor's degree)**	Planning: CERMEDES AG	
20				Practical term 4 0	Business Administration and Enterprise Resource VL 2	
21	**Engineering Mechanics I (Stereostatics)**	**Technical drawing and CAD (part 1)**			Planning: CERMEDES AG	
22	Engineering Mechanics I VL 2	Fundamentals of Technical Drawing VL 1	**Practical module 3 (dual study program, Bachelor's degree)**			
23	Engineering Mechanics I GÜ 2	Fundamentals of Technical Drawing HÜ 1	Practical term 3 0		**Project Seminar WILUM**	
24	Engineering Mechanics I HÜ 1				Project Seminar WILUM SE 3	
25		**Practical module 2 (dual study program, Bachelor's degree)**		**Mobility Concepts**		
26		Practical term 2 0		Mobility Research and Transportation Projects PBL 3		
27	**Introduction to Logistics and Mobility**			Mobility in Megacities and Developing Countries SE 3		
28	Freight Traffic and Logistics VL 2					
29	Freight Traffic and Logistics PBL 2		**Transportation Planning and Traffic Engineering**		**Simulation of Transport and Handling Systems**	
30	Introduction to Scientific Work VL 1		Transport Planning and Traffic Engineering PBL 4		Simulation of Transport and Handling Systems VL 1	
31		**Engineering Mechanics II (Elastostatics)**		**Introduction to Transportation Economics**	Simulation of Transport and Handling Systems GÜ 3	
32		Engineering Mechanics II VL 2		Introduction to Transportation Economics VL 3		
33		Engineering Mechanics II GÜ 2				
34		Engineering Mechanics II HÜ 2				
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Linking theory and practice (dual study program, Bachelor's degree) (from catalogue) - 6LP

Technical Complementary Course for Logistics and Mobility (according to Subject Specific Regulations) - 6LP

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.